

DISTRICT OF COLUMBIA

Table 65. Energy Consumption Estimates by Source, Selected Years 1960-1997, District of Columbia

Year	Coal ^a	Natural Gas ^b	Petroleum											Nuclear Electric Power	Hydro-electric Power ^d		Net Interstate Flow of Electricity/Losses ^g	Total ^h	
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kerosene ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,c}	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh	Biomass ^e	Other ^{a,f}	Million kWh		
1960	1,051	13	11	0	2,894	0	161	2	120	4,957	2,428	0	10,573	0	3	-	-	5,633	-
1965	526	17	20	0	3,435	(s)	104	2	71	5,469	6,749	0	15,850	0	3	-	-	10,436	-
1970	1,128	26	17	0	4,934	(s)	46	4	56	5,688	11,144	0	21,889	0	1	-	-	6,335	-
1975	418	26	20	0	3,157	0	110	4	60	5,748	4,174	0	13,273	0	1	-	-	14,942	-
1980	134	28	16	0	2,284	329	268	4	61	3,881	1,612	0	8,455	0	0	-	-	21,154	-
1985	140	29	27	0	2,229	7	68	4	55	3,802	740	0	6,932	0	0	-	-	26,938	-
1986	54	30	31	0	2,395	501	13	4	54	3,877	1,485	0	8,360	0	0	-	-	27,480	-
1987	70	31	31	0	1,937	(s)	13	4	61	4,246	1,355	0	7,648	0	0	-	-	28,464	-
1988	31	33	33	0	1,868	5	15	5	59	4,358	1,168	0	7,511	0	0	-	-	28,579	-
1989	60	33	27	0	1,841	0	59	5	61	4,200	1,445	0	7,637	0	i NA	-	R 28,624	-	
1990	69	29	30	0	1,537	5	11	4	62	4,043	1,024	0	6,717	0	NA	-	R 29,795	-	
1991	66	31	22	0	1,548	0	8	4	56	4,023	666	0	6,328	0	NA	-	R 31,481	-	
1992	50	33	21	0	1,553	0	8	7	57	4,024	472	0	6,142	0	NA	-	R 31,042	-	
1993	51	33	28	2	1,631	101	9	6	58	4,185	650	0	6,671	0	NA	-	31,420	-	
1994	47	31	26	2	1,863	0	10	6	61	4,099	737	0	6,804	0	NA	-	R 30,566	-	
1995	6	33	26	4	1,822	2	135	5	60	4,142	534	0	6,730	0	NA	-	R 30,938	-	
1996	23	34	22	(s)	2,041	0	107	6	58	3,862	339	0	6,435	0	NA	-	R 30,705	-	
1997	40	34	34	3	1,521	252	209	6	61	4,066	161	0	6,313	0	NA	-	30,744	-	
Trillion Btu																			
1960	27.8	13.0	0.1	0.0	16.9	0.0	0.9	(s)	0.7	26.0	15.3	0.0	59.9	0.0	(s)	R 0.1	0.0	19.2	R 120.0
1965	13.8	17.3	0.1	0.0	20.0	0	0.6	(s)	0.4	28.7	42.4	0.0	92.3	0.0	(s)	R 0.1	0.0	35.6	R 159.2
1970	28.4	26.4	0.1	0.0	28.7	0	0.3	(s)	0.3	29.9	70.1	0.0	129.4	0.0	(s)	R 0.1	0.0	21.6	R 206.0
1975	10.1	26.2	0.1	0.0	18.4	0.0	0.6	(s)	0.4	30.2	26.2	0.0	76.0	0.0	(s)	R 0.1	0.0	51.0	R 163.4
1980	3.3	28.0	0.1	0.0	13.3	1.9	1.5	(s)	0.4	20.4	10.1	0.0	47.7	0.0	(s)	R 2.0	0.0	72.2	R 153.1
1985	3.5	29.3	0.2	0.0	13.0	0	0.4	(s)	0.3	20.0	4.7	0.0	38.6	0.0	(s)	R 2.9	0.0	91.9	R 166.2
1986	1.4	30.0	0.2	0.0	14.0	2.8	0.1	(s)	0.3	20.4	9.3	0.0	47.1	0.0	(s)	R 2.8	0.0	93.8	R 175.0
1987	1.7	31.4	0.2	0.0	11.3	0	0.1	(s)	0.4	22.3	8.5	0.0	42.8	0.0	(s)	R 2.2	0.0	97.1	R 175.2
1988	0.8	33.1	0.2	0.0	10.9	0	0.1	(s)	0.4	22.9	7.3	0.0	41.8	0.0	(s)	R 2.2	0.0	97.5	R 175.4
1989	1.5	33.8	0.2	0.0	10.7	0.0	0.3	(s)	0.4	22.1	9.1	0.0	42.8	0.0	i 0.0	R 1.2.3	R i (s)	R 97.7	R i 178.0
1990	1.7	29.1	0.2	0.0	9.0	0	0.1	(s)	0.4	21.2	6.4	0.0	37.3	0.0	(s)	1.5	(s)	101.7	171.3
1991	1.7	31.3	0.1	0.0	9.0	0.0	(s)	(s)	0.3	21.1	4.2	0.0	34.9	0.0	(s)	1.6	(s)	107.4	176.8
1992	1.3	33.2	0.1	0.0	9.0	0.0	(s)	(s)	0.3	21.1	3.0	0.0	33.7	0.0	(s)	1.7	(s)	105.9	175.8
1993	1.3	33.3	0.2	(s)	9.5	0.6	0.1	(s)	0.4	22.0	4.1	0.0	36.8	0.0	(s)	R 1.9	(s)	107.2	R 180.4
1994	1.2	31.2	0.2	(s)	10.9	0.0	0.1	(s)	0.4	21.5	4.6	0.0	37.7	0.0	(s)	R 1.8	(s)	104.3	R 176.1
1995	0.1	33.2	0.2	(s)	10.6	0	0.8	(s)	0.4	21.8	3.4	0.0	37.1	0.0	(s)	R 2.0	(s)	105.6	R 178.0
1996	0.6	34.2	0.1	(s)	11.9	0.0	0.6	(s)	0.4	20.3	2.1	0.0	35.4	0.0	(s)	R 2.0	(s)	104.8	R 177.0
1997	1.0	34.8	0.2	(s)	8.9	1.4	1.2	(s)	0.4	21.4	1.0	0.0	34.5	0.0	(s)	1.5	(s)	104.9	176.6

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^e "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

^f "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^g Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^h From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

ⁱ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 66. Residential Energy Consumption Estimates, Selected Years 1960-1997, District of Columbia

Year	Coal			Natural Gas ^b	Petroleum				Wood	Geothermal	Solar ^c	Electricity ^a	Million Kilowatthours	Net Energy	Electrical System Energy Losses ^d	
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Total								
	Billion Cubic Feet				Thousand Barrels											
Year	Thousand Short Tons			Natural Gas ^b	Thousand Barrels				Wood	Geothermal	Solar ^c	Electricity ^a	Million Kilowatthours	Net Energy	Million Kilowatthours	Total
1960	47	0	47	9	1,314	67	1	1,382	R 6	—	—	429	—	1,068	—	
1965	36	0	36	11	1,241	43	1	1,285	R 4	—	—	578	—	1,381	—	
1970	14	0	14	14	1,622	21	1	1,644	R 5	—	—	830	—	2,012	—	
1975	5	0	5	13	1,161	7	1	1,169	R 6	—	—	909	—	2,193	—	
1980	38	0	38	14	749	5	1	755	R 98	—	—	1,085	—	2,638	—	
1985	49	0	49	17	495	10	1	507	R 144	—	—	1,233	—	2,897	—	
1986	19	1	19	17	398	11	1	410	R 140	—	—	1,332	—	3,063	—	
1987	24	0	24	17	409	11	1	421	R 108	—	—	1,410	—	3,223	—	
1988	11	0	11	17	295	8	1	304	R 112	—	—	1,465	—	3,313	—	
1989	21	(s)	21	17	146	11	1	158	R 116	—	—	1,466	—	R 3,294	—	
1990	24	0	24	15	149	3	1	154	76	—	—	1,480	—	3,238	—	
1991	23	(s)	23	15	165	4	1	170	80	—	—	1,580	—	R 3,440	—	
1992	18	(s)	18	17	170	4	1	175	R 85	—	—	1,488	—	3,178	—	
1993	18	(s)	18	17	164	5	1	171	86	—	—	1,635	—	3,454	—	
1994	16	(s)	16	16	133	4	1	139	R 84	—	—	1,572	—	3,279	—	
1995	2	0	2	16	275	6	2	283	R 93	—	—	1,608	—	R 3,351	—	
1996	8	0	8	17	307	6	2	314	R 93	—	—	1,614	—	3,360	—	
1997	14	(s)	14	16	266	6	2	274	68	—	—	1,554	—	3,227	—	
Trillion Btu																
1960	1.2	0.0	1.2	9.0	7.7	0.4	(s)	8.0	R 0.1	0.0	0.0	1.5	R 19.8	3.6	R 23.5	
1965	0.9	0.0	0.9	11.1	7.2	0.2	(s)	7.5	R 0.1	0.0	0.0	2.0	R 21.5	4.7	R 26.2	
1970	0.3	0.0	0.3	14.1	9.4	0.1	(s)	9.6	R 0.1	0.0	0.0	2.8	R 27.0	6.9	R 33.8	
1975	0.1	0.0	0.1	13.3	6.8	(s)	(s)	6.8	R 0.1	0.0	0.0	3.1	R 23.5	7.5	R 31.0	
1980	0.9	0.0	0.9	13.8	4.4	(s)	(s)	4.4	R 2.0	0.0	0.0	3.7	R 24.8	9.0	R 33.8	
1985	1.2	0.0	1.2	16.9	2.9	0.1	(s)	2.9	R 2.9	0.0	0.0	4.2	R 28.1	9.9	R 38.0	
1986	0.5	(s)	0.5	17.5	2.3	0.1	(s)	2.4	R 2.8	0.0	0.0	4.5	R 27.7	10.5	R 38.2	
1987	0.6	0.0	0.6	17.0	2.4	0.1	(s)	2.4	R 2.2	0.0	0.0	4.8	R 27.0	11.0	R 38.0	
1988	0.3	0.0	0.3	17.7	1.7	(s)	(s)	1.8	R 2.2	0.0	0.0	5.0	R 26.9	11.3	R 38.2	
1989	0.5	(s)	0.5	17.6	0.8	0.1	(s)	0.9	R 2.3	e 0.0	R e (s)	5.0	R e 26.4	11.2	R e 37.6	
1990	0.6	0.0	0.6	15.3	0.9	(s)	(s)	0.9	1.5	0.0	(s)	5.1	23.3	11.0	34.4	
1991	0.6	(s)	0.6	15.4	1.0	(s)	(s)	1.0	1.6	0.0	(s)	5.4	23.9	11.7	35.7	
1992	0.4	(s)	0.4	16.7	1.0	(s)	(s)	1.0	1.7	0.0	(s)	5.1	24.9	10.8	35.8	
1993	0.4	(s)	0.4	16.7	1.0	(s)	(s)	1.0	1.7	0.0	(s)	5.6	25.4	11.8	37.2	
1994	0.4	(s)	0.4	16.0	0.8	(s)	(s)	0.8	1.7	0.0	(s)	5.4	24.3	11.2	35.5	
1995	0.1	0.0	0.1	15.8	1.6	(s)	(s)	1.6	1.9	0.0	(s)	5.5	24.8	11.4	36.3	
1996	0.2	0.0	0.2	17.4	1.8	(s)	(s)	1.8	1.9	0.0	(s)	5.5	R 26.8	11.5	38.3	
1997	0.3	(s)	0.3	16.1	1.6	(s)	(s)	1.6	1.4	0.0	(s)	5.3	24.7	11.0	35.7	

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

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Table 67. Commercial Energy Consumption Estimates, Selected Years 1960-1997, District of Columbia

Year	Coal			Natural Gas ^b	Petroleum						Wood	Electricity ^a	Electrical System Energy Losses ^c	Total ^d			
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Motor Gasoline	Residual Fuel ^a	Total							
	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels						Thousand Cords	Geothermal			Million Kilowatthours	Net Energy	Million Kilowatthours
1960	87	0	87	4	1,060	34	(s)	85	1,443	2,621	R (s)	—	R 955	—	R 2,375	—	
1965	67	0	67	6	1,001	22	(s)	78	4,044	5,144	R (s)	—	1,359	—	3,245	—	
1970	26	0	26	12	1,308	10	(s)	65	5,081	6,464	R (s)	—	1,935	—	4,689	—	
1975	10	0	10	12	936	4	(s)	78	1,051	2,068	R (s)	—	2,355	—	5,680	—	
1980	71	0	71	14	647	1	(s)	40	37	725	R 2	—	R 2,457	—	R 5,974	—	
1985	91	0	91	12	749	55	(s)	27	286	1,117	NA	—	R 4,317	—	R 10,142	—	
1986	35	(s)	35	12	987	(s)	(s)	49	1,000	2,037	NA	—	R 4,516	—	R 10,387	—	
1987	45	0	45	14	649	1	(s)	22	822	1,494	NA	—	R 4,752	—	R 10,859	—	
1988	20	0	20	15	547	4	(s)	22	222	795	NA	—	R 4,965	—	R 11,224	—	
1989	39	(s)	39	16	540	48	(s)	21	129	739	NA	—	R 5,118	—	R 11,500	—	
1990	45	0	45	13	501	8	(s)	71	221	802	NA	—	R 5,250	—	R 11,484	—	
1991	43	(s)	43	16	587	4	(s)	35	222	848	NA	—	R 5,418	—	R 11,794	—	
1992	33	(s)	33	16	551	4	(s)	29	269	854	NA	—	R 5,416	—	R 11,568	—	
1993	33	(s)	33	16	800	4	(s)	32	208	1,045	R 7	—	R 5,605	—	R 11,841	—	
1994	30	(s)	30	15	908	6	(s)	66	170	1,150	R 7	—	R 8,291	—	R 17,300	—	
1995	4	0	4	17	803	129	(s)	101	132	1,166	R 7	—	R 8,275	—	R 17,239	—	
1996	15	0	15	16	975	101	(s)	20	97	1,194	R 8	—	R 8,108	—	R 16,874	—	
1997	26	(s)	26	18	522	202	(s)	49	35	809	7	—	8,132	—	16,889	—	
Trillion Btu																	
1960	2.2	0.0	2.2	3.7	6.2	0.2	(s)	0.4	9.1	15.9	(s)	0.0	3.3	R 25.1	8.1	R 33.2	
1965	1.7	0.0	1.7	6.0	5.8	0.1	(s)	0.4	25.4	31.8	(s)	0.0	4.6	44.1	11.1	55.2	
1970	0.6	0.0	0.6	11.8	7.6	0.1	(s)	0.3	31.9	40.0	(s)	0.0	6.6	59.0	16.0	75.0	
1975	0.2	0.0	0.2	12.4	5.5	(s)	(s)	0.4	6.6	12.5	(s)	0.0	8.0	33.2	19.4	52.5	
1980	1.7	0.0	1.7	13.8	3.8	(s)	(s)	0.2	0.2	4.2	(s)	0.0	8.4	R 28.2	20.4	48.6	
1985	2.3	0.0	2.3	12.1	4.4	0.3	(s)	0.1	1.8	6.6	NA	0.0	R 14.7	R 35.7	R 34.6	R 70.3	
1986	0.9	(s)	0.9	12.1	5.8	(s)	(s)	0.3	6.3	12.3	NA	0.0	R 15.4	40.7	R 35.4	R 76.1	
1987	1.1	0.0	1.1	14.2	3.8	(s)	(s)	0.1	5.2	9.1	NA	0.0	R 16.2	R 40.6	R 37.1	R 77.7	
1988	0.5	0.0	0.5	15.2	3.2	(s)	(s)	0.1	1.4	4.7	NA	0.0	R 16.9	R 37.3	R 38.3	R 75.6	
1989	1.0	(s)	1.0	15.9	3.1	0.3	(s)	0.1	0.8	4.3	NA	0.0	17.5	38.7	R 39.2	R 77.9	
1990	1.1	0.0	1.1	13.6	2.9	(s)	(s)	0.4	1.4	4.7	NA	0.0	R 17.9	37.4	R 39.2	R 76.5	
1991	1.1	(s)	1.1	15.6	3.4	(s)	(s)	0.2	1.4	5.0	NA	0.0	R 18.5	R 40.2	R 40.2	R 80.5	
1992	0.8	(s)	0.8	16.2	3.2	(s)	(s)	0.2	1.7	5.1	NA	0.0	R 18.5	R 40.6	R 39.5	R 80.1	
1993	0.8	(s)	0.8	16.3	4.7	(s)	(s)	0.2	1.3	6.2	R 0.1	0.0	R 19.1	R 42.6	R 40.4	R 83.0	
1994	0.8	(s)	0.8	14.9	5.3	(s)	(s)	0.3	1.1	6.7	R 0.1	0.0	R 28.3	R 50.8	R 59.0	R 109.9	
1995	0.1	0.0	0.1	17.1	4.7	0.7	(s)	0.5	0.8	6.8	R 0.1	0.0	R 28.2	R 52.4	R 58.8	R 111.2	
1996	0.4	0.0	0.4	16.5	5.7	0.6	(s)	0.1	0.6	7.0	R 0.2	0.0	R 27.7	R 51.7	R 57.6	R 109.2	
1997	0.6	(s)	0.6	18.4	3.0	1.1	(s)	0.3	0.2	4.7	0.1	0.0	27.7	51.6	57.6	109.2	

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^b Includes supplemental gaseous fuels.^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.^d Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

R=Revised data.

—=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

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Table 68. Industrial Energy Consumption Estimates, Selected Years 1960-1997, District of Columbia

Year	Coal	Natural Gas ^a	Petroleum										Hydro-electric Power ^b	Wood and Waste	Other ^{b,d}	Electricity ^b	Electrical System Energy Losses ^e	Total
			Asphalt and Road Oil ^b	Distillate Fuel ^b	Kerosene ^b	LPG ^b	Lubricants ^b	Motor Gasoline	Residual Fuel ^b	Other ^{b,c}	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels										Other ^{b,d}	Other ^{b,d}	Other ^{b,d}	Other ^{b,d}	Other ^{b,d}	
1960	463	(s)	11	211	61	1	8	0	949	0	1,241	0	-	-	1,237	-	3,076	-
1965	129	(s)	20	316	39	1	11	0	2,689	0	3,076	0	-	-	1,836	-	4,383	-
1970	414	(s)	17	377	15	2	3	0	3,296	0	3,710	0	-	-	2,627	-	6,367	-
1975	292	(s)	20	150	99	2	14	0	686	0	970	0	-	-	2,532	-	6,108	-
1980	25	(s)	16	192	262	3	7	0	54	0	534	0	-	-	3,356	-	8,161	-
1985	0	0	27	36	3	2	7	59	1	0	135	0	-	-	2,534	-	5,954	-
1986	0	0	31	79	2	2	6	64	0	0	184	0	-	-	2,606	-	5,994	-
1987	0	0	31	12	2	3	7	80	0	0	135	0	-	-	2,708	-	6,188	-
1988	0	0	33	3	2	3	7	62	0	0	109	0	-	-	2,809	-	6,351	-
1989	0	0	27	3	0	3	7	75	(s)	0	116	f NA	-	-	2,930	-	R 6,582	-
1990	0	0	30	2	0	2	7	90	1	0	133	NA	-	-	2,976	-	R 6,510	-
1991	0	0	22	2	(s)	2	7	58	1	0	93	NA	-	-	3,053	-	R 6,646	-
1992	0	0	21	13	0	5	7	59	2	0	106	NA	-	-	2,987	-	R 6,381	-
1993	0	0	28	15	0	3	7	36	0	0	90	NA	-	-	2,976	-	6,289	-
1994	0	0	26	13	0	3	7	69	1	0	119	NA	-	-	267	-	558	-
1995	0	0	26	15	0	3	7	44	(s)	0	95	NA	-	-	262	-	546	-
1996	0	0	22	18	(s)	3	7	39	(s)	0	89	NA	-	-	252	-	524	-
1997	0	0	34	21	(s)	3	7	56	0	0	121	NA	-	-	262	-	545	-
Trillion Btu																		
1960	12.0	0.2	0.1	1.2	0.3	(s)	(s)	0.0	6.0	0.0	7.7	0.0	0.0	0.0	4.2	24.0	10.5	34.5
1965	3.3	0.3	0.1	1.8	0.2	(s)	0.1	0.0	16.9	0.0	19.2	0.0	0.0	0.0	6.3	29.0	15.0	44.0
1970	10.0	0.4	0.1	2.2	0.1	(s)	(s)	0.0	20.7	0.0	23.1	0.0	0.0	0.0	9.0	42.6	21.7	64.3
1975	7.0	0.4	0.1	0.9	0.6	(s)	0.1	0.0	4.3	0.0	6.0	0.0	0.0	0.0	8.6	22.0	20.8	42.8
1980	0.6	0.4	0.1	1.1	1.5	(s)	(s)	0.0	0.3	0.0	3.1	0.0	0.0	0.0	11.5	15.5	27.8	43.4
1985	0.0	0.0	0.2	0.2	0.2	(s)	(s)	0.3	(s)	0.0	0.8	0.0	0.0	0.0	8.6	9.4	20.3	29.7
1986	0.0	0.0	0.2	0.5	(s)	(s)	(s)	0.3	0.0	0.0	1.1	0.0	0.0	0.0	8.9	9.9	20.5	30.4
1987	0.0	0.0	0.2	0.1	(s)	(s)	(s)	0.4	0.0	0.0	0.8	0.0	0.0	0.0	9.2	10.0	21.1	31.1
1988	0.0	0.0	0.2	(s)	(s)	(s)	(s)	0.3	0.0	0.0	0.6	0.0	0.0	0.0	9.6	10.2	21.7	31.9
1989	0.0	0.0	0.2	(s)	0.0	(s)	(s)	0.4	(s)	0.0	0.6	f 0.0	f 0.0	f 0.0	10.0	10.6	22.5	f 33.1
1990	0.0	0.0	0.2	(s)	0.0	(s)	(s)	0.5	(s)	0.0	0.7	0.0	0.0	0.0	10.2	10.9	22.2	33.1
1991	0.0	0.0	0.1	(s)	(s)	(s)	(s)	0.3	(s)	0.0	0.5	0.0	0.0	0.0	10.4	10.9	22.7	33.6
1992	0.0	0.0	0.1	0.1	0.0	(s)	(s)	0.3	(s)	0.0	0.6	0.0	0.0	0.0	10.2	10.8	21.8	32.6
1993	0.0	0.0	0.2	0.1	0.0	(s)	(s)	0.2	0.0	0.0	0.5	0.0	0.0	0.0	10.2	10.7	21.5	32.1
1994	0.0	0.0	0.2	0.1	0.0	(s)	(s)	0.4	(s)	0.0	0.7	0.0	0.0	0.0	0.9	1.6	1.9	3.5
1995	0.0	0.0	0.2	0.1	0.0	(s)	(s)	0.2	(s)	0.0	0.5	0.0	0.0	0.0	0.9	1.4	1.9	3.3
1996	0.0	0.0	0.1	0.1	0.1	(s)	(s)	0.2	(s)	0.0	0.5	0.0	0.0	0.0	0.9	1.4	1.8	3.2
1997	0.0	0.0	0.2	0.1	(s)	(s)	(s)	0.3	0.0	0.0	0.7	0.0	0.0	0.0	0.9	1.6	1.9	3.5

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. - =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

DISTRICT OF COLUMBIA

Table 69. Transportation Energy Consumption Estimates, Selected Years 1960-1997, District of Columbia

Year	Coal ^a	Natural Gas ^b	Petroleum								Ethanol ^c	Electricity ^a	Electrical System Energy Losses ^d	Total ^c	
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Total					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Gallons	Million Kilowatthours	Net Energy		Million Kilowatthours
1960	8	(s)	0	305	0	(s)	112	4,872	28	5,317	0	R 32	-	R 80	-
1965	(s)	0	0	874	(s)	(s)	59	5,391	6	6,331	0	0	-	0	-
1970	1	(s)	0	492	(s)	(s)	53	5,623	13	6,182	0	0	-	0	-
1975	(s)	(s)	0	820	0	1	46	5,670	350	6,887	0	0	-	0	-
1980	0	0	0	587	329	(s)	54	3,841	59	4,870	0	R 106	-	R 258	-
1985	0	(s)	0	882	7	1	49	3,716	202	4,857	0	R 130	-	R 305	-
1986	0	(s)	0	862	501	(s)	48	3,764	80	5,255	0	R 136	-	R 312	-
1987	0	(s)	0	783	(s)	(s)	54	4,144	0	4,981	0	R 136	-	R 312	-
1988	0	(s)	0	858	5	1	52	4,275	10	5,201	0	R 140	-	R 317	-
1989	0	(s)	0	938	0	1	54	4,104	40	5,135	^e 0	R 139	-	R 312	-
1990	0	(s)	0	812	5	1	55	3,882	3	4,759	0	R 142	-	R 310	-
1991	0	(s)	0	740	0	(s)	49	3,930	0	4,720	0	R 144	-	R 314	-
1992	0	(s)	0	763	0	1	50	3,936	7	4,758	0	R 152	-	R 325	-
1993	0	(s)	2	617	101	1	51	4,117	0	4,889	0	R 159	-	R 336	-
1994	0	(s)	2	712	0	1	53	3,963	0	4,731	0	R 165	-	R 345	-
1995	0	(s)	4	654	2	1	53	3,997	0	4,709	0	R 170	-	R 355	-
1996	0	(s)	(s)	693	0	1	51	3,803	0	4,548	0	R 163	-	R 339	-
1997	0	(s)	3	641	252	(s)	54	3,962	0	4,912	0	158	-	329	-
Trillion Btu															
1960	0.2	(s)	0.0	1.8	0.0	(s)	0.7	25.6	0.2	28.2	0.0	0.1	28.6	0.3	28.8
1965	(s)	0.0	0.0	5.1	(s)	(s)	0.4	28.3	(s)	33.8	0.0	0.0	33.8	0.0	33.8
1970	(s)	(s)	0.0	2.9	(s)	(s)	0.3	29.5	0.1	32.8	0.0	0.0	32.8	0.0	32.8
1975	(s)	(s)	0.0	4.8	0.0	(s)	0.3	29.8	2.2	37.0	0.0	0.0	37.1	0.0	37.1
1980	0.0	0.0	0.0	3.4	1.9	(s)	0.3	20.2	0.4	26.2	0.0	R 0.4	26.5	R 0.9	27.4
1985	0.0	0.4	0.0	5.1	(s)	(s)	0.3	19.5	1.3	26.3	0.0	0.4	27.1	1.0	R 28.1
1986	0.0	0.4	0.0	5.0	2.8	(s)	0.3	19.8	0.5	28.4	0.0	R 0.5	R 29.3	R 1.1	R 30.3
1987	0.0	0.3	0.0	4.6	(s)	(s)	0.3	21.8	0.0	26.7	0.0	R 0.5	R 27.4	R 1.1	R 28.5
1988	0.0	0.2	0.0	5.0	(s)	(s)	0.3	22.5	0.1	27.9	0.0	R 0.5	R 28.6	R 1.1	R 29.7
1989	0.0	0.3	0.0	5.5	0.0	(s)	0.3	21.6	0.2	27.6	^e 0.0	R 0.5	R 28.3	R 1.1	R 29.4
1990	0.0	0.3	0.0	4.7	(s)	(s)	0.3	20.4	(s)	25.5	0.0	R 0.5	26.2	R 1.1	R 27.3
1991	0.0	0.3	0.0	4.3	0.0	(s)	0.3	20.6	0.0	25.3	0.0	R 0.5	R 26.0	R 1.1	R 27.1
1992	0.0	0.3	0.0	4.4	0.0	(s)	0.3	20.7	(s)	25.5	0.0	R 0.5	R 26.3	R 1.1	R 27.4
1993	0.0	0.3	(s)	3.6	0.6	(s)	0.3	21.6	0.0	26.1	0.0	R 0.5	R 26.9	R 1.1	R 28.1
1994	0.0	0.2	(s)	4.1	0.0	(s)	0.3	20.8	0.0	25.3	0.0	R 0.6	R 26.1	R 1.2	R 27.3
1995	0.0	0.3	(s)	3.8	(s)	(s)	0.3	21.0	0.0	25.2	0.0	R 0.6	R 26.0	R 1.2	R 27.2
1996	0.0	0.2	(s)	4.0	0.0	(s)	0.3	20.0	0.0	24.3	0.0	R 0.6	R 25.1	R 1.2	R 26.3
1997	0.0	0.3	(s)	3.7	1.4	(s)	0.3	20.8	0.0	26.3	0.0	0.5	27.1	1.1	28.2

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

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Table 70. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, District of Columbia

Year	Coal			Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
	Bituminous Coal and Lignite	Anthracite	Total		Heavy Oil ^{b,c}	Light Oil ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	446	0	446	0	9	4	0	12	0	3	0	0	0	0
1965	293	0	293	0	10	4	0	14	0	3	0	0	0	0
1970	673	0	673	0	2,755	1,135	0	3,889	0	1	0	0	0	0
1975	111	0	111	0	2,088	90	0	2,178	0	1	0	0	0	0
1980	0	0	0	0	1,462	109	0	1,572	0	0	0	0	0	0
1985	0	0	0	0	250	66	0	316	0	0	0	0	0	0
1986	0	0	0	0	405	69	0	474	0	0	0	0	0	0
1987	0	0	0	0	533	84	0	616	0	0	0	0	0	0
1988	0	0	0	0	935	165	0	1,100	0	0	0	0	0	0
1989	0	0	0	0	1,276	214	0	1,490	0	0	0	0	0	0
1990	0	0	0	0	798	72	0	871	0	0	0	0	0	0
1991	0	0	0	0	442	54	0	497	0	0	0	0	0	0
1992	0	0	0	0	194	56	0	250	0	0	0	0	0	0
1993	0	0	0	0	442	35	0	477	0	0	0	0	0	0
1994	0	0	0	0	566	98	0	664	0	0	0	0	0	0
1995	0	0	0	0	402	75	0	477	0	0	0	0	0	0
1996	0	0	0	0	241	49	0	290	0	0	0	0	0	0
1997	0	0	0	0	126	71	0	197	0	0	0	0	0	0
Trillion Btu														
1960	12.2	0.0	12.2	0.0	0.1	(s)	0.0	0.1	0.0	(s)	0.0	0.0	0.0	12.4
1965	7.9	0.0	7.9	0.0	0.1	(s)	0.0	0.1	0.0	(s)	0.0	0.0	0.0	8.0
1970	17.4	0.0	17.4	0.0	17.3	6.6	0.0	23.9	0.0	(s)	0.0	0.0	0.0	41.4
1975	2.8	0.0	2.8	0.0	13.1	0.5	0.0	13.6	0.0	(s)	0.0	0.0	0.0	16.5
1980	0.0	0.0	0.0	0.0	9.2	0.6	0.0	9.8	0.0	0.0	0.0	0.0	0.0	9.8
1985	0.0	0.0	0.0	0.0	1.6	0.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0
1986	0.0	0.0	0.0	0.0	2.5	0.4	0.0	2.9	0.0	0.0	0.0	0.0	0.0	2.9
1987	0.0	0.0	0.0	0.0	3.4	0.5	0.0	3.8	0.0	0.0	0.0	0.0	0.0	3.8
1988	0.0	0.0	0.0	0.0	5.9	1.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	6.8
1989	0.0	0.0	0.0	0.0	8.0	1.2	0.0	9.3	0.0	0.0	0.0	0.0	0.0	9.3
1990	0.0	0.0	0.0	0.0	5.0	0.4	0.0	5.4	0.0	0.0	0.0	0.0	0.0	5.4
1991	0.0	0.0	0.0	0.0	2.8	0.3	0.0	3.1	0.0	0.0	0.0	0.0	0.0	3.1
1992	0.0	0.0	0.0	0.0	1.2	0.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5
1993	0.0	0.0	0.0	0.0	2.8	0.2	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
1994	0.0	0.0	0.0	0.0	3.6	0.6	0.0	4.1	0.0	0.0	0.0	0.0	0.0	4.1
1995	0.0	0.0	0.0	0.0	2.5	0.4	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
1996	0.0	0.0	0.0	0.0	1.5	0.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8
1997	0.0	0.0	0.0	0.0	0.8	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	1.2

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.^e If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.^g If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

–=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.